

**NASA West Virginia Space Grant Consortium  
Joint University-Industry Research Opportunity Program  
2017-2018 Application Form**

The NASA WV Space Grant Consortium (WVSGC) is pleased to announce the availability of funds to support new collaborative research projects between faculty at Space Grant institutions and the high technology sector of West Virginia economy. Ideally, this program will promote the development and transfer of technology to the private sector with the result of creating patents and high-tech jobs in the state.

Each successful applicant will receive up to \$20,000 from the Consortium to be matched by at least the same amount in cash and in-kind support from non-Federal sources. Evidence of true commitment by the industrial partner in the definition of the problem, design of the methodology, and the actual conduct of the research must be demonstrated within the proposal. No NASA funds will be transferred to the industrial partner. Students supported by Space Grant must be U.S. citizens. Advantages of this program are as follows:

**To the Industry**

- Allows access to most recent thinking or developments in specialized fields
- Allows use of special equipment or facilities at the universities
- Allows development of new lines of inquiry without major investment in specialized personnel or equipment

**To Universities**

- Allows access to the commercial research and development world
- Stimulates development of new clientele, providing new markets for research expertise and new opportunities for students

**To the State of West Virginia**

- Encourages the use of capital-intensive university equipment and facilities by industrial scientists and engineers adding a new level of return on State investment
- Stimulates meaningful interaction of university faculty and industry
- Stimulates the growth of small high-tech businesses in West Virginia and encourages longer term development of advanced technology products by firms of all sizes

The consortium will award these grants based on the following criteria:

1. Scientific and technical merit (30 points)
2. Relevance to NASA and West Virginia's priorities in science and technology (20 points)
3. Collaborative plan and research methodology (20 points)
4. Potential for long-term impact (20 points)
5. Budget soundness and industrial and institutional support (10 points)

Priority will be given to those who have not been awarded a similar grant in the past and are within five years of joining a Consortium academic affiliate as a tenure track member of the faculty. Brief quarterly reports and a final report will be required.

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Proposal Format

Cover Page: Please use the cover page attached. Note that the proposal must be signed by a representative of the academic affiliate as well as the industrial partner who can certify the availability of matching funds (e.g. Department Chair, Dean, or financial manager).

Key Words: Please include at least two key words to facilitate technical review.

Research Summary: Provide a brief summary of the proposed research using no more than three (3) single-spaced page with 1" margins on all sides. These summaries must be typed in TNR font size 12, table entries must use at least font size 10. Clearly state the objectives and significance of the project, the approach to be used to achieve the objectives, and the specific outcomes that can be considered as project results. You may add an additional page for references cited.

Budget: Provide a one-page budget describing the project costs. The budget should clearly delineate between the funds requested from NASA WVSGC and institutional and industrial cost share. Do not include overhead charges. Please note that NASA WVSGC funds may not be used to purchase equipment or for foreign travel. Students supported by Space Grant must be U.S. citizens.

Appendices: Appendices should include a one-page résumé of each investigator. Other supportive information can be included but should not exceed five pages. Also, please list all past awards, if any, received from NASA WVSGC or NASA WV EPSCoR, including project title, award dates and amounts. Indicate whether this proposal is a continuation of a previously funded project or is a request for funding for a completely new research area or with a different industry. If investigator has received a NASA WVSGC joint university-industry research grant in the past, please indicate the unique nature of this research in comparison to past work and note why it should be considered a new research area for the investigator.

Schedule

Proposal due date: Monday, March 6, 2017 by 11:59 PM (EST)

Awards announcement date: Mid-April 2017

Anticipated project start date: May 16, 2017

Project duration: One year

Proposals must be submitted **online only**. Proposals received after the deadline will not be considered. For more information and additional requirements visit: <http://wvspacegrant.org>.

Please contact the NASA WVSGC / NASA WV EPSCoR office ([Cordwell@nasa.wvu.edu](mailto:Cordwell@nasa.wvu.edu)) for all questions regarding budget-related or proposal format issues.

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**Cover Page**

Project title: \_\_\_\_\_  
Principal Investigator (academic affiliate): \_\_\_\_\_  
Institution and department: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Industrial Collaborator: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Email: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Key Words: \_\_\_\_\_

Request from NASA WVSGC: \_\_\_\_\_  
Cost share from industry: \_\_\_\_\_  
Cost share from institution: \_\_\_\_\_

Total Budget: \_\_\_\_\_

**Institutional Approval and Signatures Certifying Availability of Cost Share Funds**

Academic Collaborator  
Institutional Representative  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Industrial Collaborator  
Company Representative  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_